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April 20, 2006

**MAIL STOP PCT**

Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

PCT/JP2004/015631

-filed October 21, 2004

Re: Application of Takashi SHINMOTO, Yuji URABE, Tatsuya MUROFUSHI,  
Tatsuya OGAWA  
INSULATION DEGRADATION DIAGNOSTIC DEVICE  
**Assignee: FUJIKURA LTD.**  
Our Ref: Q94543

Dear Sir:

The following documents are submitted herewith in connection with the above application for the purpose of entering the National stage under 35 U.S.C. §371 and in accordance with the Patent Cooperation Treaty:

- ☒ a copy of the executed Declaration and Power of Attorney.
- ☒ an English translation of the International Application.
- ☒ 21 sheets of drawings.
- ☒ a copy of Notification Concerning Submission or Transmittal of Priority Document (Form PCT/IB/304).
- ☒ a copy of the executed Assignment and PTO 1595 form.
- ☒ a copy of the ISR.
- ☒ an Information Disclosure Statement with a PTO/SB/08 A & B (modified) listing the IDS references.
- ☒ a copy of each reference cited in the IDS.
- ☒ a Preliminary Amendment.

In addition to the documents submitted herewith, it is assumed that copies of the International Application, the International Search Report and cited references, the International Preliminary Examination Report, and any Articles 19 and 34 amendments as required by §371(c) will be supplied directly by the International Bureau, but if further copies are needed, the undersigned will undertake to provide them upon request.

It is expressly requested that the national stage of processing be commenced immediately in accordance with 35 U.S.C. § 371(f).



**Sughrue**

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April 20, 2006

Page 2

10/576451

1AP20 Rec'd PCT/PTO 20 APR 2006

The Government filing fee is calculated as follows:

Total claims	13	-	20	=		x	\$50.00	=	\$0.00
Independent claims	2	-	3	=		x	\$200.00	=	\$0.00
Base Fee									\$300.00
Search Fee*									\$400.00
Examination Fee*									\$200.00
<b>TOTAL FILING FEE</b>									\$900.00
<b>Recordation of Assignment</b>									\$ 40.00
<b><u>TOTAL FEE</u></b>									<u>\$940.00</u>

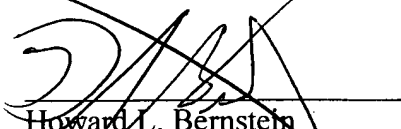
\* The international search fee for all claims was not paid to the USPTO, as the ISA, but the ISR is being submitted herewith.

Checks for the statutory filing fee of \$900.00 and Assignment recordation fee of \$40.00 are attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2003-362135	October 22, 2003
Japan	2004-048148	February 24, 2004
WIPO	PCT/JP2004/015631	October 21, 2004

Respectfully submitted,

  
Howard L. Bernstein  
Registration No. 25,665

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Date: April 20, 2006